

ACTUATOR SYSTEM FOR DISC DRIVE

Abstract of the Disclosure

An actuator assembly of a disc drive having an actuator arm rotatably mounted adjacent a data disc. The actuator arm has a top surface and a bottom surface, and includes a head gimbal assembly support portion located at one end of the actuator arm. The actuator assembly further includes an arm circuit fastened to the top surface of the actuator arm. The actuator assembly may additionally include a head gimbal assembly that electrically couples the data transducer and the arm circuit. The gimbal circuit is partially routed along the head gimbal assembly and over the top surface of the actuator arm. Alignment apertures on the arm circuit and the head gimbal circuit and alignment pins on the actuator arm may be used for positioning of the circuits over the top surface of the actuator arm.